

PTO/SB/06A (08-03)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---|---|----|--------------------------|------------------------|-----------|
| Substitute for form 1449A/PTO | | | Complete if Known | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | Application Number | 09/318,668 | |
| | | | Filing Date | May 25, 1999 | |
| | | | First Named Inventor | Charles Gollnick | |
| | | | Group Art Unit | 2618 | |
| | | | Examiner Name | P. Sobutka | |
| Sheet | 1 | of | 2 | Attorney Docket Number | 14206US01 |

U.S. PATENT DOCUMENTS

| Examiner Initial* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-------------------|-----------------------|--|--------------------------------|--|---|
| | A58 | 5,241,542 | 08/31/1993 | Natarajan et al. | |
| | A59 | 4,745,408 | 05/17/1988 | Nagata et al. | |
| | A60 | 5,142,279 | 08/25/1992 | Jasinski et al. | |
| | A61 | 5,257,019 | 10/26/1993 | Schwendeman et al. | |
| | A62 | 5,150,361 | 09/22/1992 | Wieczorek et al. | |
| | A63 | 4,799,253 | 01/17/1989 | Stern et al. | |
| | A64 | 5,252,963 | 10/12/1993 | Snowden et al. | |
| | A65 | 5,361,397 | 11/01/1994 | Wright | |
| | A66 | 5,276,680 | 01/04/1994 | Messenger | |
| | A67 | 5,509,035 | 04/16/1996 | Teidemann, Jr. et al. | |
| | A68 | 5,103,459 | 04/07/1992 | Gilhousen et al. | |
| | A69 | 5,392,287 | 02/21/1995 | Tiedemann, Jr. et al. | |
| | A70 | 6,069,880 | 05/30/2000 | Owen et al. | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁵ |
|--------------------|-----------------------|--|--------------------------------|--|---|----------------|
| | B5 | EP 0 490 441 A2 | 06/17/1992 | Philips | | |

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |
|--------------------|-----------------------|--|
| | C317 | LO et al., "An Estimate Of Network Database Transaction Volume To Support Personal Communications Services," IEEE - ICUPC '92 Proceedings, pp. 236-241, 09/29/1992-10/02/1992 |
| | C582 | LO, "A 1.5-V 900-MHz Monolithic CMOS Fast-Switching Frequency Synthesizer For Wireless Applications," Symposium on VLSI Circuits of Technical Papers, p. 238-241, 2000 |
| | C583 | ALVAREZ, A Wide-Bandwidth Low-Voltage PLL for PowerPC Microprocessors, Symposium on VLSI Circuits Digest of Technical Papers, 1994 |
| | C584 | Expert Report of Duane Rabe, 03/14/2008. |
| | C585 | Initial Expert Report of Tim A. Williams, Ph.D., 03/14/2008. |

| EXAMINER SIGNATURE | DATE CONSIDERED |
|--------------------|-----------------|
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2.

Rev. Sept. 03

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PS/

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|--|---|--------------------------|------------------|
| Substitute for form 1449A/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | Application Number | 14206US01 |
| | | Filing Date | May 25, 1999 |
| | | First Named Inventor | Charles Gollnick |
| | | Group Art Unit | 2618 |
| | | Examiner Name | P. Sobutka |
| (use as many sheets as necessary)) | | Attorney Docket Number | 14206US01 |
| Sheet | 2 | Of | 2 |

| OTHER ART -- NON PATENT LITERATURE DOCUMENTS | | |
|--|-------------|--|
| Examiner Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |
| | C586 | FISHER, "Dual mode mobile unit for next generation digital narrow channel cellular telephone system," 38 th IEEE Vehicular Tech. Conf., pp. 543-547, 1988. |
| | C587 | Decision of Appeal 2007-1164 in the United States Court of Appeals for the Federal Circuit, <i>Broadcom Corporation v. International Trade Commission and Qualcomm Incorporated</i> , On appeal from the United States International Trade Commission in Investigation No. 337-TA-543, Decided September 19, 2008. |

| | |
|---------------------------|----------------------------|
| EXAMINER /Philip Sobutka/ | DATE CONSIDERED 10/13/2008 |
|---------------------------|----------------------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIFO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.